

LightPath 355160 | 4mm Dia., 0.55 NA, BBAR (1050-1600nm), Molded Aspheric Lens

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Precision Molded Aspheric Lenses

Stock **#83-607** CLEARANCE 3-5 DAYS

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Diameter (mm):
4.00 ±0.015

Effective Focal Length EFL (mm):
2.73 @780nm

Numerical Aperture NA:
0.55

Substrate: [D-ZLaF52LA](#)

Focal Length Tolerance (%): ±1
Aspheric Design Wavelength (nm): 780
Coating: BBAR (1050-1600nm)
Coating Specification: R _{abs} <1.0% @ 1050 - 1600nm
Surface Quality: 40-20
Clear Aperture CA (mm): 3
Edge Thickness ET (mm): 0.71
Center Thickness CT (mm): 1.43 ±0.05
f/#: 0.91
Bevel: Protective bevel as needed
Compatible Window: Thickness: 1.20 (t) (mm) Material: Polycarbonate
Distance from Window to Lens (D) (mm): 1.170
Lightpath Lens Code: 355160
Operating Temperature (°C): ≤200
Type: Aspheric Lens
Wavelength Range (nm): 1050 - 1600
Typical Applications: Collimate or Focus Laser Light
Working Distance (mm): 2.37
Conjugate Distance: Infinite

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View
Reach 233: Compliant